

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY ☐		LAC - 33							
DATE 6-4-59		CHANGE PROPOSAL ☒									
AFFECTS :		WSPO ☒		PROJECT ☒							
NAME OF MAJOR COMPONENT SHIP'S WIRING		PART OR LOWEST SUBASSEMBLY ELECT. HARNESS - L.H. SIDE FS555-FS449		PART NO. & MODEL OR TYPE -							
TITLE OF PROPOSAL : REPLACEMENT WIRING AND HEAT SHIELD - ENGINE COMPT.											
NATURE OF PROPOSAL : 1. INSPECT WIRING IN HARNESS RUN L.H. SIDE FUSELAGE BETWEEN F.S. 555 AND F.S. 449 2. INSTALL HEAT SHIELD PER DWG. RS 29 (REF. SB 402). 3. IF INSPECTION OF WIRING REVEALS BURNED INSULATION, REPLACE WIRING WITH RS 28 HARNESS (REF: SB 403) 4. PREPARE AND ISSUE SERVICE BULLETINS 402 & 403. 5. FABRICATE KITS FOR SB 402, FOR ALL ARTICLES. 6. FABRICATE KITS FOR SB 403, AS REQUIRED. *7. WE ARE PROCEEDING ON ALL SB 402 KITS (BOTH CUSTOMERS) AND TEN (10) SB 403 KITS FOR CUST. NO. 2 IN ADVANCE OF WRITTEN APPROVAL. SUBSEQUENT SB 403 KITS MAY BE ORDERED BY THE DEPOTS IN DESIRED QUANTITIES.											
REASON FOR PROPOSAL : TO PROVIDE THERMAL PROTECTION FROM ENGINE HEAT WHICH MAY CAUSE THE INSULATION ON THE WIRES IN THE HARNESS TO BECOME BRITTLE AND DETERIORATE. IF THE WIRES ARE NOT YET HEAT DAMAGED, INCORPORATION OF THE HEAT SHIELD WILL PRECLUDE EVENTUAL DAMAGE, THE REPLACEMENT HARNESS WILL PRECLUDE ANY ELECTRICAL FAILURE.											
ES		ESTIMATED COST AND TIME INVOLVED : -									
		ADDITIONAL FUNDING REQUIRED : -									
CP		ESTIMATED COST FOR KITS OR PARTS : SB 402 @ \$20 per KIT - SB 403 @ \$125 per KIT.									
		CUST. NO. 1 - \$260 PLUS SB 403 AS REQ'D.									
		ADDITIONAL FUNDING REQUIRED : NONE(SF1917) CUST. NO. 2 - \$1830 PLUS ADD'L SB403 AS REQ'D.									
ITEMS AFFECTED BY PROPOSAL :											
SAFETY	MISSION EFFEC- TIVENESS	PERFORM- ANCE	OPERATING PROCEDURE	INTER- CHANGE ABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTE- NANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTE- NANCE MANUAL	
☒	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD 30 HRS. (EXCLUDING ENGINE REMOVAL)											
SOURCE OF PARTS FOR KIT LAC						AVAILABILITY * WEEKS AFTER APPROVAL SHIPPING 6 EA. SB 402 AND 2 EA SB 403 TO LAFB ON 8 JUNE, BALANCE IN 1 WEEK.					
DISPOSITION OF SPARES AFFECTED NONE						STATINTL					
INITIATED BY : LAC						APPROVED : WSPO					